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Everyday Mathematics Grade K Student Materials Set

Everyday Mathematics is the nations leading Standards Based Mathematics program. Based on the research of the authors at the Univ Of Chicago School Mathematics Project the curriculum, was partially funded through grants of private industry leaders like GTE and Amoco, as well as the NSF. The program was written one grade level at a time beginning in Kindergarten in 1986 then extensively field tested and rewritten before finally all grades through sixth were completed in 1996. With over twenty years of research and field testing beyond the program, Everyday Mathematics is now the program of choice for over 3.5 million students in the United States. Content and Instructional Plan Everyday Math was developed with the belief that children seldom learn a concept or skill the first time it is presented to them. Mathematics concepts are taught progressively throughout each grade level, as well as across grade levels. Everyday Mathematics is in alignment with the Mississippi state mathematics standards. Activities, lessons, and experiences vary between grade levels. A typical day's lesson for includes: • A three part lesson plan focusing on lesson objectives, provide ongoing practice for students, and addressing individual student needs for a variety of populations. • Getting started activities with the daily math message used as a lesson opener. Mental Math and Reflexes offers mental-mathematical opportunities. • Student Math Journals to facilitate Individual, Small Group, and Partner activities. • Math Boxes contain short problems to practice and refine understanding of mathematical concepts. • Games provide fact practice alternatives to worksheets and pencil and paper drills. • Home Links or Study Links for home study. • Cross Curricular, theme-based activities that can be woven throughout the year.

Wright Group/McGraw-Hill publishes innovative core and supplemental literacy and mathematics programs for differentiated instruction and teacher training in Grades Pre-K-8. The research-based approach is anchored in real-world applications and is based on the assessed needs of students, combining developmentally appropriate materials with explicit outcomes. Wright Group is part of McGraw-Hill Education, a leading global provider of instructional, assessment and reference solutions that empower the success of professionals and students of all ages. McGraw-Hill Education has offices in 33 countries and publishes in more than 40 languages.

Teacher Edition		
9780076226627		$99.00
Everyday Mathematics Kentucky Interactive Teacher's Lesson Guide CD Grade K		
Essential Items		
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9780076045235	Nimas	$9.45
Everyday Mathematics Grade K Mathematics at Home Books 1, 2, 3 & 4		
9780076045242	Nimas	$9.45
Everyday Mathematics My First Math Book, Grade K		
Free with Purchase items		
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1 free per Student Materials Set purchased; 1st year of adoption		
9780076097760	Everyday Mathematics Math Mats, Grade K	$27.00
1 free per teacher with a minimum purchase of 20 Student Materials Sets		
9780076187973	Everyday Mathematics Games Kit Updated Early Childhood, Grade K	$142.65
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$12.60

Grade
K

TYPE
P1

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2007

Author
Andy Isaacs, Amy Dillard, James McBride, Max Bell, and The University of Chicago School Mathematics Project

Edition
Third

Content
Mathematics

Readability

Accessibility
Nimas

Research
http://www.everydaymathsuccess.com/research.html

Provided by the Publisher

ISBN 9780076045341	Publisher - **Wright Group/McGraw-Hill, a division of The McGraw-Hill Companies, Inc.**	
Everyday Mathematics Grade K Student Materials Set		
Type - P1	Author - Andy Isaacs, Amy Dillard, James McBride, Max Bell, and The University of Chicago School Mathematics Project	
Copyright - 2007	Edition - Third	Readability -
Course - Mathematics		Grade(s) - K
Teacher Edition ISBN if applicable..... 9780076226627		

Provided by the Publisher

Overall Recommendation: **Recommended as BASAL**

if this box is not checked, the evaluators have chosen NOT recommend as basal

Overall Strengths, Weaknesses, Comments:

This basal meets or exceeds the criteria. The activities are representing educational best practice for mathematics.

NIMAC Accessibility	N	
Ancillary	Yes	
Free with Purchase	Yes	
Research	Yes	http://www.everydaymathsuccess.com/research.html

CRITERIA

This basal resource …

A. Encompasses KY Content Standards & Grade Level Expectations **Strong Evidence**

Text is designed to be used in an elective course outside the Program of Studies

1) Includes the 5 Big Ideas of mathematics to the following extent:	
a) Number Properties and Operations	Strong Evidence
b) Measurement	Strong Evidence
c) Geometry	Strong Evidence
d) Data Analysis and Probability	Strong Evidence
e) Algebraic Thinking	Strong Evidence
2) Addresses content-specific enduring understandings from the related Program of Studies standards.	Strong Evidence
3) Addresses content-specific skills and concepts from the related Program of Studies standards.	Strong Evidence
4) Content addressed is current, relevant and non-trivial	Strong Evidence
5) Provides opportunities for critical thinking/reasoning	Strong Evidence

6) Strengths, Weaknesses, Comments:

- Specific strengths-which areas/concepts are covered exceptionally well?
- Specific weaknesses-which areas/concepts would likely require supplementing?

This basal covers all major strands of mathematics. The Kentucky program of studies is covered in depth in all parts of this basal.

B. Functionality & Suitability **Strong Evidence**

1) Suitability **Strong Evidence**

- Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.

2) Content quality **Strong Evidence**

- Free from factual errors
- Content is presented conceptually when possible—more than a mere collection of facts
- Content included accurately represents the knowledge base of the discipline
- Theories/scientific models contained represent a broad consensus of the scientific community
- Interconnections among mathematical topics

3) Connections to Literacy **Strong Evidence**

- Employs a variety of reading levels and is grade/level appropriate
- Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.
- Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.
- Student text provides opportunity to integrate reading and writing
- Uses vocabulary that is age and content appropriate
- Focuses on critical vocabulary vs. extensive lists
- Identifies key vocabulary through definitions in both text and glossary
- The text is engaging and facilitates learning
- Embedded activities enhance the understanding of the text
  Note: may apply to either student or teacher editions

4) Connections to Technology **Strong Evidence**

- Integrates technology and reflects the impact of technological advances
- Uses technology in the collection and/or manipulation of authentic data
- Embeds web links as a mathematics resource.

5) Support for Diverse Learners **Strong Evidence**

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties
  Note: may apply to either student or teacher editions

6) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

This basal is suitable and provides support for all learners with connections to literacy and technology. The content is challenging and differentiation is offered to meet the needs of all learners.

C. Supports Inquiry and Skill Development **Strong Evidence**

1) Promotes Inquiry, research and Application of Learning Strong Evidence

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)

- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.
  Note: may apply to either teacher or student edition

2) Skill Development Strong Evidence

- Provides opportunities to make sense of all mathematics
- Provides opportunities to recognize, create, and extend patterns.
- Provides opportunities for critical thinking and reasoning.
- Provides opportunities to justify/prove responses.
- Provides opportunities to ask deeper questions.
- Contains embedded activities (or extensions) that emphasize use of technology for problem solving
  Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

The activities in these basal challenge students to utilize higher order thinking skills. Students are invited to use mathematical reasoning skills to solve problems.

D. Supports Best Practices of Teaching and Learning **Strong Evidence**

1) Engages Students Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated
  Note: may apply to either teacher or student edition

2) Uses Assessment to Inform Instruction Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels
  Note: may apply to either teacher or student edition

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Content and activities are presented using educational best practice. The activities are hands on and developmentally appropriate yet challenging for kindergarten students. Mathematical ideas are tied to the lives of students.

E. Has an Organization/ Format that Supports Learning and Teaching **Strong Evidence**

1) Organizational Quality Strong Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
- Presents chapters/lessons in an organized and logical sequence
- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

2) Essential Components (beyond student and teacher text) Strong Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

3) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The basal is organized and easy to follow. Resources are provided to support learning.

F. Has available Ancillary/ Gratis Materials

Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F

Strong Evidence

1) Ancillary/Gratis Materials

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

2) Strengths, Weaknesses, Comments:

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The ancillary and gratis materials are organized and support learning of mathematics for all students.